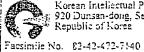
PATENT COOPERATION TREATY

From the INTERNATIONAL PRELIMINARY EX	AMINING AUTHORIT	Υ		والعدد استعدد د ۱ ۱ ۱ سعدد
To: LEE, Won-Hee			PCT	· · · · · · · · · · · · · · · · · · ·
8th Fl. Sung-ji Heights II 642-16 Yoksam- dong Kangnam-kuSeoul135-080Republic of Korea		INTER	ITTEN OPINION OF THE NATIONAL PRELIMINARY AMINING AUTHORITY	
			(PCT Rule 66)	
		Date of mailing (day/month/year) 1.	3 JANUARY 2006 (13.01.2006)	
Applicant's or agent's file reference 4FPO-12-13			thin 2 months from e above date of mailing	
International application No. PCT/KR2005/000282	International filing date 31 JANUARY 200	5 (31.01.2005)	Priority date(day/month/year) 02 FEBRUARY 2004 (02.02.20	104)
International Patent Classification (IPC) of C12N 15/29(2006.01)i, A01H 4/00(2006				
Applicant DONGBU HANNONG CHEMI	CAL CO., LTD. et	al		
1. The written opinion established by sis considered to be a written opinion. 2. This (first, etc.)	i:	s not eliminary Examining A	•	
Box No. I Basis of the opinion	opinion contains marcau	ons relating to the folio	wing items.	
Box No. II Priority Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability				
Box No. IV Lack of unity of invention Box No. IV Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement				ility;
Box No. VI Certain documents				
Box No. VII Certain defects in the	he international applicatio	n		
Box No. VIII Certain observation	s on the international app	lication		
3. The applicant is hereby invited to rep	•			
	Rule 66.2(e). ply, accompanied, where	appropriate, by amendi	ments, according to Rule 66.3.	uthority
For the form and the langu Also For the examiner's obligat For an informal communic For an additional opportun	ion to consider amendme eation with the examiner,	nts and/or arguments, s see Rule 66.6.		•
If no reply is filed, the international			ed on the basis of this opinion.	•
The final date by which the internation (Chapter II of the PCT) must establish			05.2006)	



Name and mailing address of the IPEA/KR

Korean Intellectual Property Office
920 Dunsan-dong, Seo-gu, Daejeon 302-701,
Republic of Korea

Authorized officer

 $\in KIN_{n}H \; Yun$

Telephone No. 82-42-481-8288



Form PCT/IPEA/408 (cover sheet) (April 2005).

10/588095 IAP5 Rec'd PCT/PTO 28 JUL 2006 International application No.

WRITTEN OPINION OF THE INTERNATIONAL PRELIMINARY EXAMING AUTHORITY

PCT/KR2005/000282

Вс	x No.	I Basis of the opinion		
1.	With	regard to the language, this opinion has been establis	hed on the basis of the international appl	
	Z	This opinion is based on a translation from the origin which is the language of a translation furnished for the	al language into the following language ne purposes of:	English ,
		international search (under Rules 12.3 and 23.		
		publication of the international application (ut		
		international preliminary examination (under		
2.	whic	regard to the elements of the international application on have been furnished to the reciving Office in responsing originally filed."):	this opinion has been established on the se to an invitation under Article 14 are re	basis of (replacement sheets ferred to in this opinion
	\times	the international application as originally filed		•
	\Box	the description:		
	_	pages		, as originally filed/furnished
		pagespages	received by this Authority on	•
	_			
	لــا.	the claims:		, as originally filed/furnished
		pages	as amenged (together with an	iy statment) under Article 19
		pages	received by this Authority on received by this Authority on	
		pages	received by this Authority on	
		the drawings:		
	_	pages		, as originally filed/furnished
		pages	received by this Authority on	
		•	•	
		the sequence listing and/or any related table(s) - see S	upplemental Box Relating to Sequence L	isting.
3		The amendments have resulted in the cancellation of	:	
٥.		•		
		the sequence listing (specify):		•
		any table(s) related to the sequence listing (spe	ciry):	
4.		This opinion has been established as if (some of) the go beyond the disclosure as filed, as indicated in the	amendments had not been made, since the Suplemental Box (Rule 70.2(c)).	ey have been considered to
		the description, pages		
		the drawings, sneet/fig		
		the sequence listing (specify):		
		any table(s) related to the sequence listing (spe	GLD, I:	
		:		
			•	•
				•

WRITTEN OPINION OF THE INTERNATIONAL PRELIMINARY EXAMING AUTHORITY

International application No.
PCT/KR2005/000282

Box No.	II Priority				
1.	This opinion has been established as if no priority had been claimed due to the failure to furnish within the prescribed time limit the requested:				
	copy of the earlier application whose priority has been claimed (Rule 66.7(a)).				
	translation of the earlier application whose priority has been claimed (Rule 66.7(b)).				
2.	This opinion has been established as if no priority had been claimed due to the fact that the priority claim has been found invalid (Rule 64.1). Thus for the purposes of this opinion, the international filing date indicated above is considered to be the relevant date.				
3Addi	tional observations, if neccessary:				
The st WAN	The subject matter of claim 13 is a newly added, not disclosed in the priority document. Therefore, the cited document D4 WANG H. et al., Plant Cell., Vol. 16(5), pp. 1206-1219 (MAY 2004) has been considered to belong to the prior art documents.				
	•				
-					
	\cdot				
٠					

PATENT COOPERATION TREATY

INTERNATIONAL PRELIMINARY EXAMINING AUTHO	RITY
To: LEE, Won-Hee	PCT
8th Fl. Sung-ji Heights II 642-16 Yoksam-dong Kangnam-kuSeoul135-080Republic of Korea	WRITTEN OPINION OF THE INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY
	(PCT Rule 66)
	Date of mailing (day/month/year) 13 JANUARY 2006 (13:01:2006)
Applicant's or agent's file reference 4FPO-12-13	REPLY DUE within 2 months from the above date of mailing
PCT/KR2005/000282 31 JANUARY 2	late (day/month/year) Priority date(day/month/year) 2005 (31.01.2005) 02 FEBRUARY 2004 (02.02.2004)
International Patent Classification (IPC) or both national classic C12N 15/29(2006.01)i, A01H 4/00(2006.01)i, A01H 1/06(2006.01)i, A01H	
Applicant DONGBU HANNONG CHEMICAL CO., LTD.	et al
Box No. I Basis of the opinion Box No. II Priority Box No. III Non-establishment of opinion with regard Box No. IV Lack of unity of invention Box No. V Reasoned statement under Rule 66.2(a)(ii) citations and explanations supporting such Box No. VI Certain documents cited Box No. VII Certain defects in the international applic Box No. VIII Certain observations on the international applic The applicant is hereby invited to reply to this opinion. When? See the time limit indicated above. The applicant to grant an extension, see Rule 66.2(e).	it to novelty, inventive step and industrial applicability I to novelty, inventive step and industrial applicability I with regard to novelty, inventive step or industrial applicability; in statement Cation application In may, before the expiration of that time limit, request this Authority where appropriate, by amendments, according to Rule 66.3. Its, see Rules 66.8 and 66.9. Idments and/or arguments, seeRule 66.4 bis. Here, see Rule 66.6. Hents, see Rule 66.4.
. The final date by which the international preliminary report (Chapter II of the PCT) must established according to Rule (on patentability



Name and mailing address of the IPEA/KR

Korean Intellectual Property Office
920 Dunsan-dong, Seo-gu, Daejeon 302-701,
Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

KIN, Ji Yun

Telephone No. 82-42-481-8288



WRITTEN OPINION OF THE INTERNATIONAL PRELIMINARY EXAMING AUTHORITY

International application No.

PCT/KR2005/000282

Box	No. I Basis of the	opinion				
\ <u>\</u>	hich was filed, unl	anguage, this opinio less otherwise indica	on has been estable eted under this ite	ished on the basis o	of the international a	pplication in the language in
	This opinion is based on a translation from the original language into the following language which is the language of a translation furnished for the purposes of:					
	interna	tional search (under	Rules 12.3 and 2	3.1(b))		•
		ition of the internation				
	interna	tional preliminary ex	camination (unde	r Rules 55.2 and/or	55.3)	
l w	hich have been fur s "originally filed." —	nished to the reeivin '):	ng Office in respo	n, this opinion has to nse to an invitation	peen established on under Article 14 ar	the basis of (replacement sheets e referred to in this opinion
2	the internationa	al application as orig	inally filed			
	the description:					
	pages		······································	received by this	Authority on	, as originally filed/furnished
	pages			received by this	Authority on	
[.	the claims:	•				
	pages			. as ame	nded (together with	any statment) under Article 19
	pages			received by this A	Authority on	
	pages			received by this A	Authority on	
	the drawings:					
	pages	 	7 	11 11 1		, as originally filed/furnished
	pages			received by this A received by this A		
3.	the descr	is, Nos.	:			
ł. 🗀	the descri	disclosure as med, a	s murcated in the	Suplemental Box (Rule 70.2(c)).	
	any table((s) related to the sequ	ience listing (spe	cify):		
		-			•	
	·				•	
					•	
			•			

WRITTEN OPINION OF THE INTERNATIONAL PRELIMINARY EXAMING AUTHORITY

International application No.

PCT/KR2005/000282

Box No.	II Priority			
1.	This opinion has been established as if no priority had been claimed due to the failure to furnish within the prescribed time limit the requested:			
	copy of the earlier application whose priority has been claimed (Rule 66.7(a)).			
	translation of the earlier application whose priority has been claimed (Rule 66.7(b)).			
2.	This opinion has been established as if no priority had been claimed due to the fact that the priority claim has been found invalid (Rule 64.1). Thus for the purposes of this opinion, the international filing date indicated above is considered to be the relevant date.			
3. Addi	tional observations, if neccessary:			
The su WAN	bject matter of claim 13 is a newly added, not disclosed in the priority document. Therefore, the cited document D4 G H. et al., Plant Cell., Vol. 16(5), pp. 1206-1219 (MAY 2004) has been considered to belong to the prior art documents.			
•				
•				
•				